

### **WHAT IS CLAIMED IS:**

1. A combination of a power pack and a compressor, the power pack comprising a casing and a U-shaped frame connected on a surface of the casing, a first terminal and two first clamping plates extending from the  
5 surface of the casing and located between two extensions of the U-shaped frame, a detecting pad located on the surface of the casing and between the first terminal and the first clamping plates, and

the compressor comprising two rails and each rail having a groove so that the two extensions of the U-shaped frame are engaged with the two  
10 grooves, a second terminal and two second clamping plates extending from a surface of the compressor and located between the two rails, the first terminal being clamped between the two second clamping plates and the second terminal being clamped between the two first clamping plates.

2. The combination as claimed in claim 1, wherein the two  
15 extensions of the U-shaped frame includes a thin first extension and a thick second extension, the two respective grooves of the two rails are sized to be correspondent to the thin first extension and the thick second extension.